



Fiscal Year 2021

Behavioral Health Outcomes for Publicly Funded Services





Our Vision and Mission

Strong families – South Dakota's foundation and our future

The South Dakota Department of Social Services

is dedicated to strengthening and supporting individuals and families by promoting cost effective and comprehensive services in connection with our partners that foster independent and healthy families.



About DBH

The Division of Behavioral Health (DBH) supports a comprehensive array of publicly funded behavioral health treatment services.

Publicly Funded Behavioral Health Treatment Services

- Outpatient mental health services
- Outpatient and inpatient substance use disorder treatment services
- Prevention services

Data Collection Methodology

Data Collection Process

Stakeholder Survey

- Collected annually for each accredited provider
 - Mental health and substance use disorder agencies
- DBH also surveys the Department of Corrections (DOC), Unified Judicial System (UJS), and Child Protection Services (CPS)

Mental Health Services

- Contracted agencies collect mental health outcome data at:
 - admission
 - every six months
 - successful discharge from services

Substance Use Disorder Services

- Contracted agencies collect substance use disorder outcome data at admission and successful discharge from service(s)

Targeted Services for Justice-Involved Clients

- Additional outcome questionnaires for targeted services for justice-involved clients:
 - The Texas Christian University Criminal Thinking Scales (TCU)
 - How I think Questionnaire (HIT)
 - Aggression Questionnaire (AQ)

Stakeholder Survey Results



Stakeholder Survey Results

The Division of Behavioral Health (DBH) collects Stakeholder Survey data once a year for all accredited mental health and substance use disorder agencies.

Community Needs



88%

Behavioral health agencies are responsive to the needs within the community

Eighty-eight percent of behavioral health stakeholders reported publicly funded behavioral health agencies are responsive to the needs within the community

Location Convenience



88%

Location of behavioral health services is convenient for clients

Eighty-eight percent of stakeholders reported the location of behavioral health services is convenient for clients

Stakeholder Survey Results

The Division of Behavioral Health (DBH) collects Stakeholder Survey data once a year for all accredited mental health and substance use disorder agencies.

Quality of Service



87%

Community behavioral health agencies provide quality services

Eighty-seven percent of stakeholders reported publicly funded behavioral health agencies provide quality services

Client Support



91%

Community behavioral health agencies support the needs of their clients

Ninety-one percent of stakeholders reported publicly funded behavioral health agencies support the needs of their clients

Stakeholder Survey Results

The Division of Behavioral Health (DBH) collects Stakeholder Survey data once a year for all accredited mental health and substance use disorder agencies.

Positive Outcomes



81%

Clients receiving services have positive outcomes

Eighty-one percent of behavioral health stakeholders reported that clients have positive outcomes as a result of services received

Group Times



80%

Services are available at convenient times

Eighty percent of stakeholders reported that behavioral health services are available at times that are convenient for clients

Stakeholder Survey Results

The Division of Behavioral Health (DBH) collects Stakeholder Survey data once a year for all accredited mental health and substance use disorder agencies.

Staff Training



84%

Staff are well trained

Eighty-four percent of stakeholders reported behavioral health agency staff are well trained

Staff Competency



87%

Staff are competent to deliver treatment services

Eighty-seven percent of stakeholders reported behavioral health agency staff are competent to deliver treatment services

Adult Substance Use Disorder Services



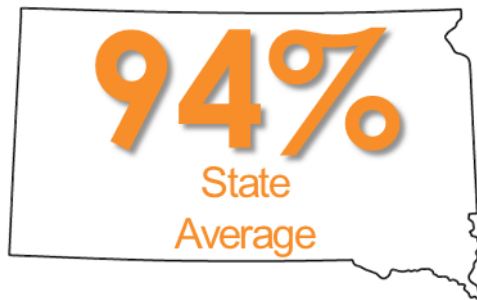
Adult Substance Use Disorder Services

Discharge Rates and General Satisfaction

| Discharge Reasons | State Average | National Average |
|----------------------------------|---------------|------------------|
| Treatment Completed | 75% | 30% |
| Left Against Professional Advice | 13% | 40% |
| Terminated by Facility | 3% | 4% |

- **Clients discharged from treatment.** Seventy-five percent of clients completed treatment, exceeding the national average of 30%. Thirteen percent of clients left against professional advice, and 3% of clients were terminated by the facility.

General Satisfaction



- **Overall satisfaction with treatment services received.** Ninety-four percent of clients served reported general satisfaction with services.

Substance Use Disorder Diagnosis Updates – Adult

Trends

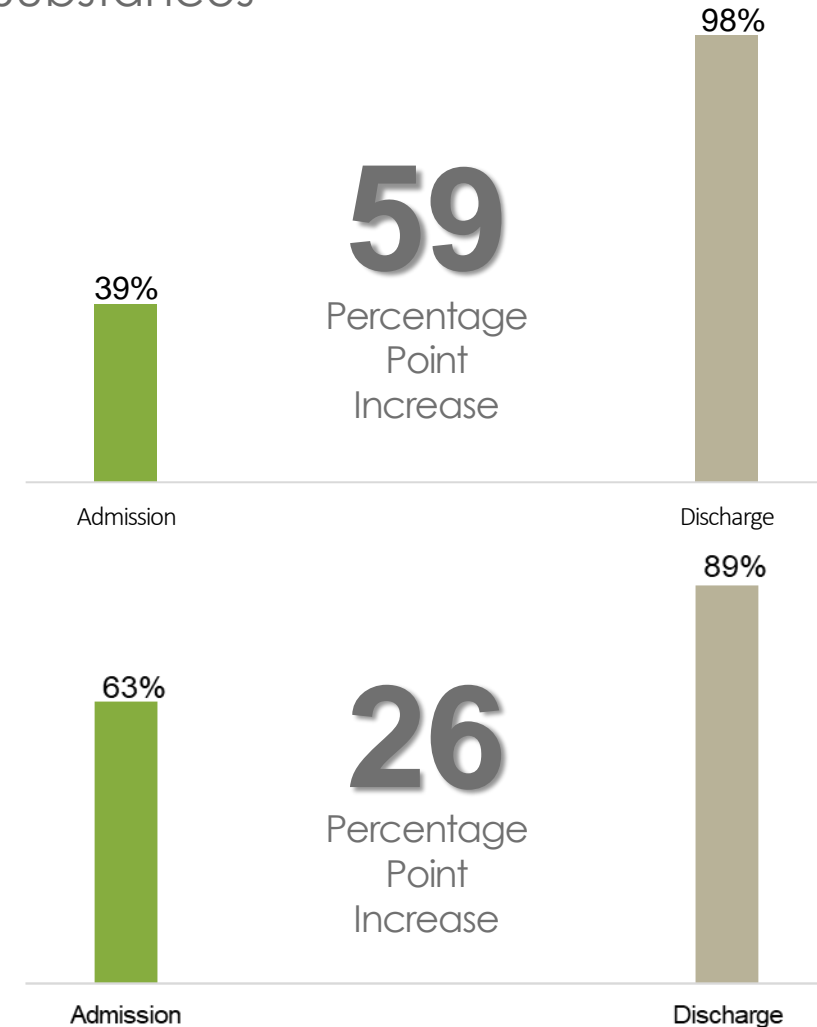
| # of Clients with Diagnosis | State Primary SUD Diagnosis | FY17 | FY18 | FY19 | FY20 | FY21 |
|-----------------------------|--------------------------------------|--------------|--------------|--------------|--------------|--------------|
| | Primary Alcohol Use Disorder | 3,389 50% | 3,137 51% | 3,234 56% | 4,232 59% | 3,654 58% |
| | Primary Cannabis Use Disorder | 559 8% | 743 12% | 577 10% | 604 8% | 508 8% |
| | Primary Amphetamine Use Disorder | 1,175 17% | 1,227 20% | 1,420 25% | 1,921 27% | 1,898 30% |
| | Primary Opioid Use Disorder | 253 4% | 209 3% | 225 4% | 276 4% | 210 3% |
| | Primary Other Substance Use Disorder | 132 2% | 221 4% | 234 4% | 248 3% | 93 1% |

- Amphetamine Use Disorder continues to increase over time (17% to 30%).
- Alcohol Use Disorder increases over time (50% to 58%).

Adult Substance Use Disorder Services

Ability to Control Substance Use and Motivation to Not Use Substances

- **Client-reported ability.** Ninety-eight percent of clients served reported the ability to control their substance use at discharge, compared to 39% at admission.
- **Client-reported motivation.** Eighty-nine percent of clients served reported motivation to not use substances at discharge, compared to 63% at admission.



Adult Substance Use Disorder Services

Employment



26%

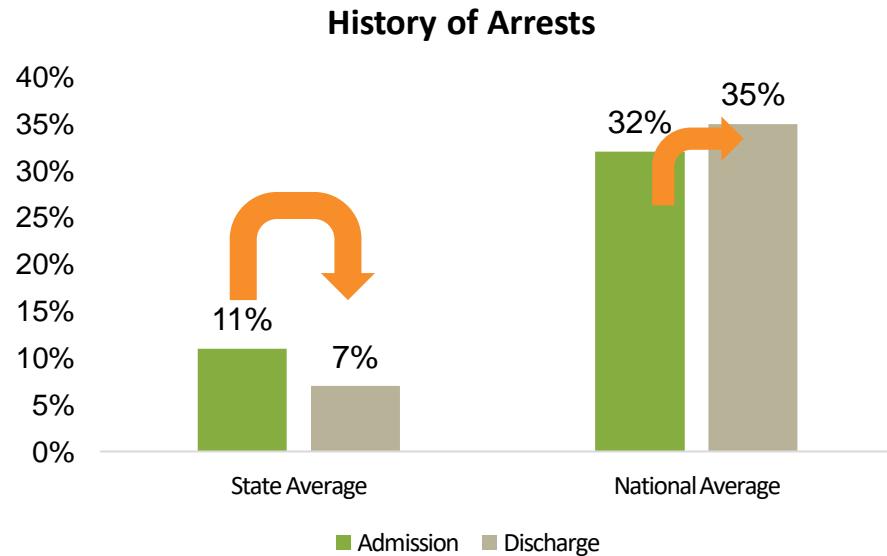
Clients who reported
employment

Clients who reported employment.

Twenty-six percent of clients served reported employment at discharge, which exceeds the national average of 18%.

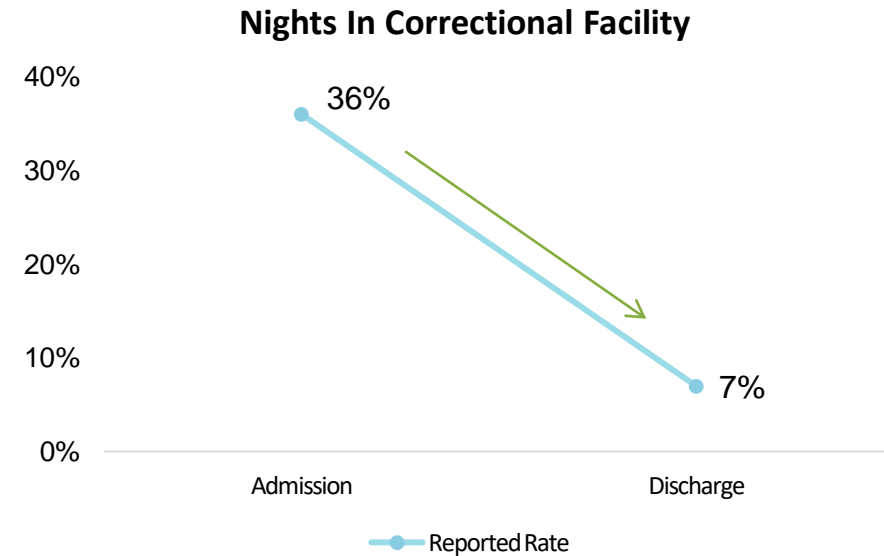
Adult Substance Use Disorder Services

History of Arrest



- **History of Arrests.** At discharge, 7% of clients served reported an arrest within the last 30 days, compared to 11% at admission, which are below the national averages.

Nights in a Correctional Facility



- **Clients who reported nights in a correctional facility.** At discharge, 7% percent of clients served reported at least one night spent in a correctional facility within the last 30 days, compared to 36% at admission.

Youth Substance Use Disorder Services



Youth Substance Use Disorder Services

Return Rates and Discharge Rates

Discharge Reasons

| | |
|----------------------------------|-----|
| Treatment Completed | 65% |
| Left Against Professional Advice | 16% |
| Terminated by Facility | 8% |

- **Clients discharged from treatment.** Sixty-five percent of youth clients completed treatment. Sixteen percent of youth clients left against professional advice, and 8% of youth clients were terminated by the facility.

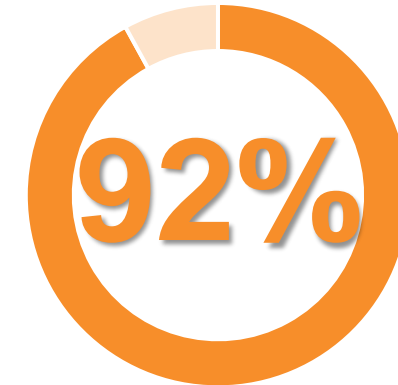
Youth Substance Use Disorder Services

General Satisfaction

Overall satisfaction with treatment services received.

Ninety-two percent of youth clients served and 90% of parents/guardians reported general satisfaction with services.

Youth



Parent/Guardian



Substance Use Disorder Diagnosis Updates – Youth

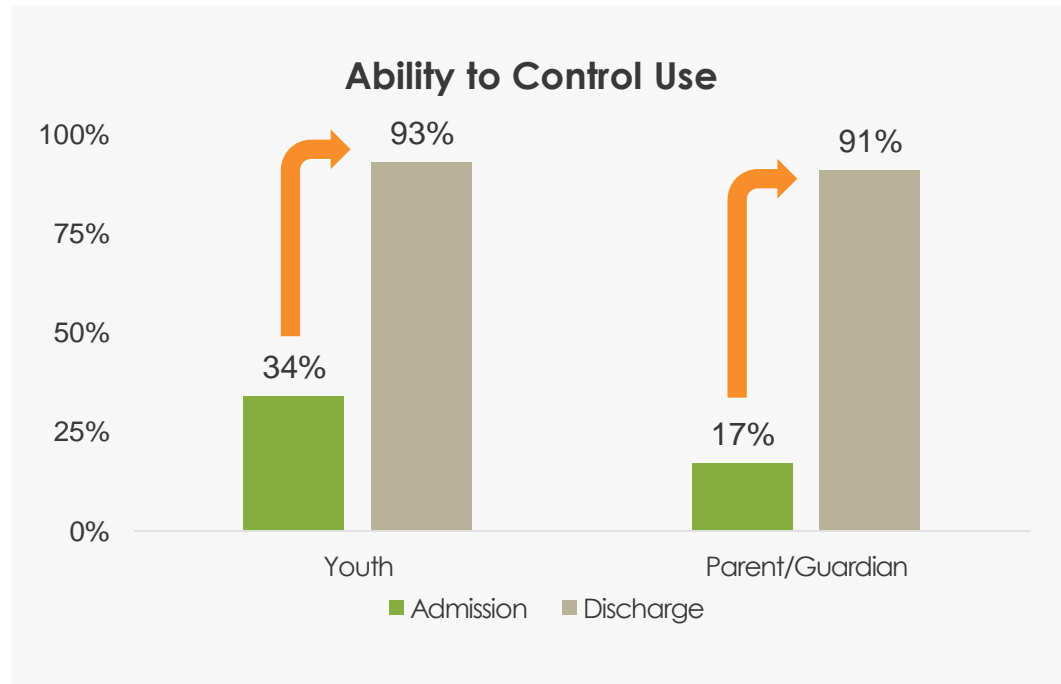
Trends

| Number/Percent of Youth with a... | State Primary SUD Diagnosis | FY17 | FY18 | FY19 | FY20 | FY21 |
|-----------------------------------|--------------------------------------|------------|------------|------------|------------|------------|
| | Primary Alcohol Use Disorder | 131 26% | 200 36% | 121 29% | 152 33% | 110 28% |
| | Primary Cannabis Use Disorder | 315 63% | 319 58% | 262 63% | 271 59% | 203 52% |
| | Primary Amphetamine Use Disorder | 30 6% | 19 3% | 19 5% | 35 8% | 51 13% |
| | Primary Opioid Use Disorder | 3 1% | 7 1% | 6 1% | 1 0.2% | 1 0% |
| | Primary Other Substance Use Disorder | 12 2% | 11 2% | 11 3% | 11 2% | 12 3% |

- Cannabis Use Disorder decreases over time (63% to 52%).
- Amphetamine Use Disorder increases over time (6% to 13%).

Youth Substance Use Disorder Services

Ability to Control Substance Use

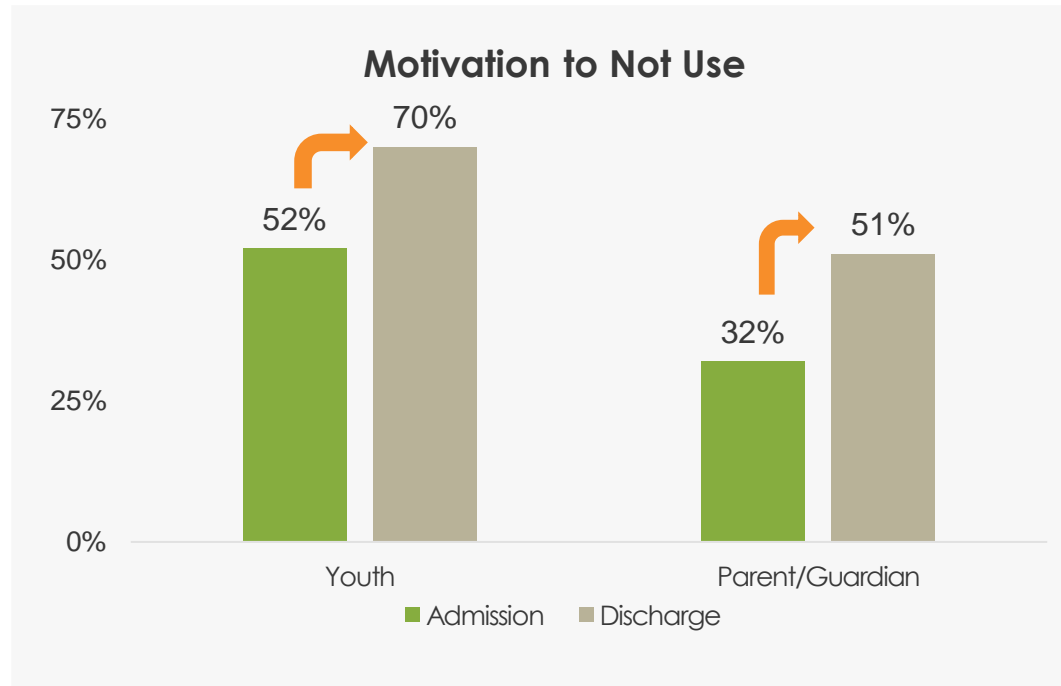


Client-reported ability.

Ninety-three percent of youth clients reported the ability to control their substance use at discharge, compared to 34% at admission. Ninety-one percent of parents/guardians reported their youth's ability to control substance use at discharge, compared to 17% at admission.

Youth Substance Use Disorder Services

Motivation to Not Use Substances

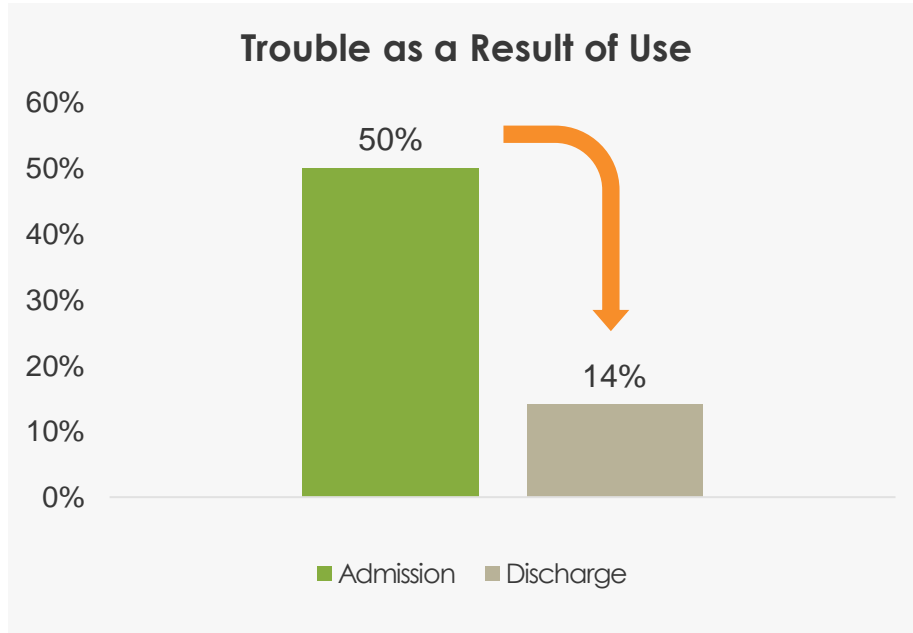


Client-reported motivation.

Seventy percent of youth clients reported motivation to not use substances at discharge, compared to 52% at admission. Fifty-one percent of parents/guardians reported their youth's motivation to not use substances at discharge, compared to 32% at admission.

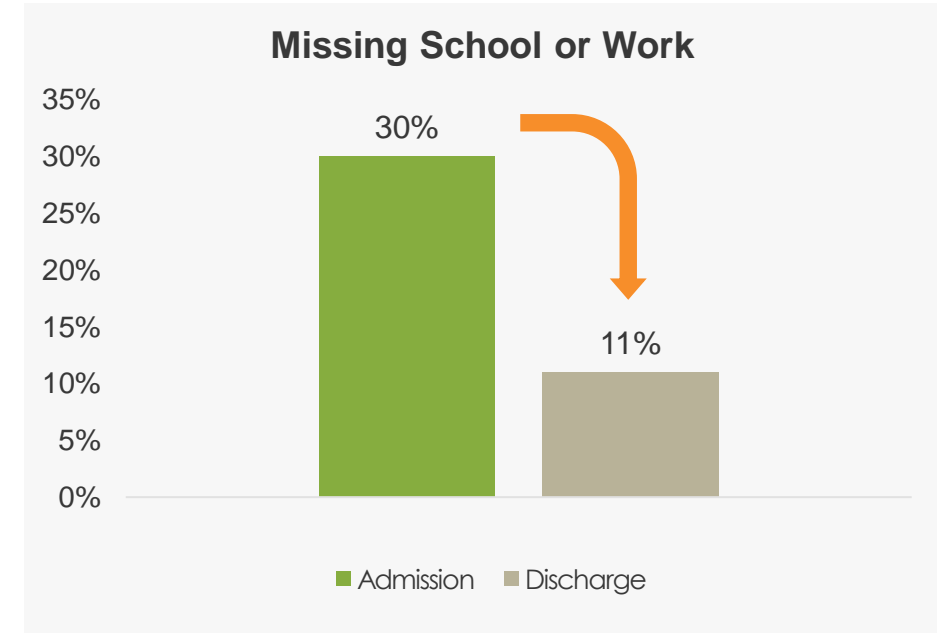
Youth Substance Use Disorder Services

Trouble as a Result of Use



- **Clients who reported getting in trouble due to substance use.** Fifty percent of youth clients served reported getting in trouble due to substance use at admission, compared to 14% at discharge.

Missing School or Work



- **Clients who reported missing school/work due to their substance use.** Thirty percent of youth clients served reported missing school or work due to substance use at admission, compared to 11% at discharge.

Adult Mental Health Services

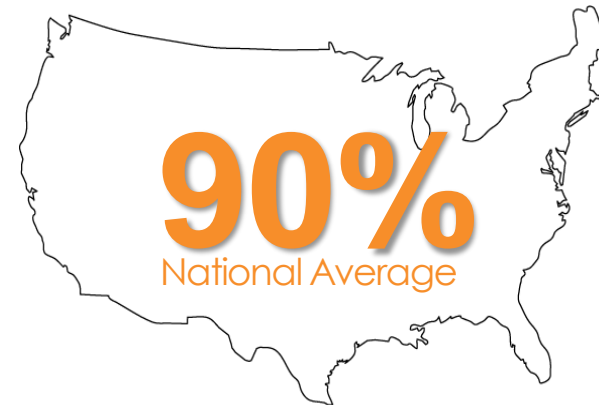
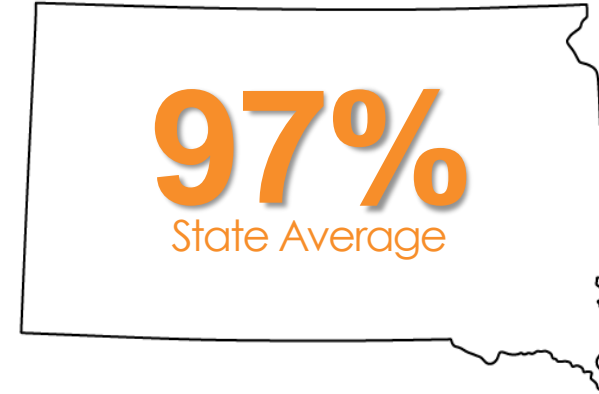


Adult Mental Health Services

General Satisfaction

Overall satisfaction with treatment services received.

Ninety-seven percent of clients served reported general satisfaction with services, exceeding the national average of 90%.



Mental Health Diagnosis Updates – Adults

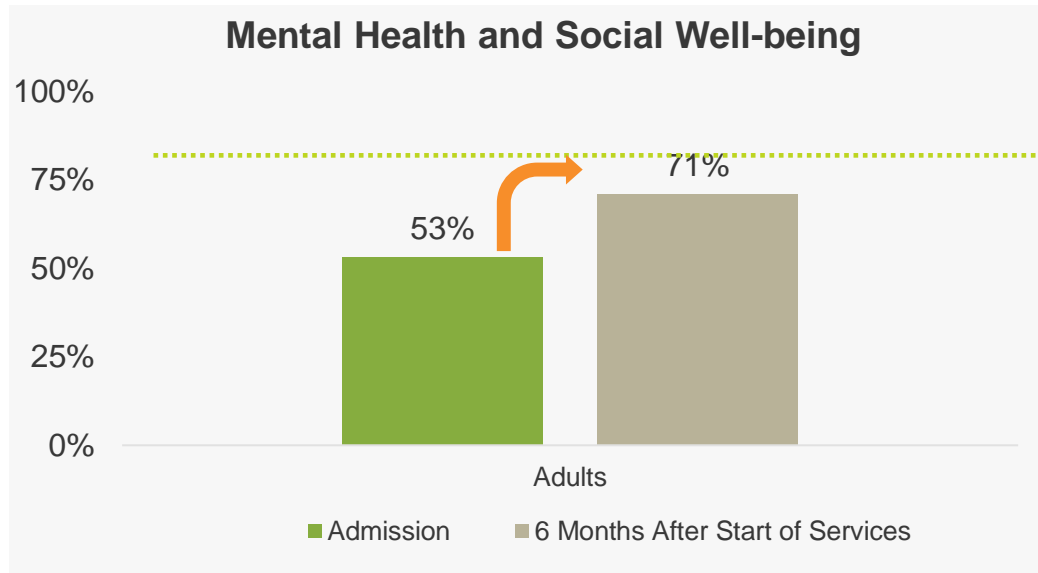
Trends

| Number/Percent of Clients with... | State Primary MH Disorders | FY17 | FY18 | FY19 | FY20 | FY21 |
|-----------------------------------|---|--------------|--------------|--------------|--------------|--------------|
| | Depressive Disorders | 3,284 38% | 3,671 40% | 3,651 38% | 3,512 37% | 3,379 36% |
| | Other Disorders (including Personality Disorders, etc.) | 751 9% | 800 9% | 810 8% | 732 8% | 713 8% |
| | Anxiety, Stress and Trauma Disorders (includes Post Traumatic Stress Disorder) | 2,293 26% | 2,263 25% | 2,728 28% | 2,793 30% | 2,864 31% |
| | Schizophrenia Spectrum Disorder (includes Schizoaffective Disorder) | 1,371 16% | 1,408 15% | 1,389 14% | 1,342 14% | 1,345 14% |
| | Bipolar Disorders | 1,003 12% | 1,038 11% | 1,070 11% | 1,036 11% | 1,029 11% |

- Anxiety, stress, and trauma disorders increasing over time (26% to 31%).

Adult Mental Health Services

Functioning

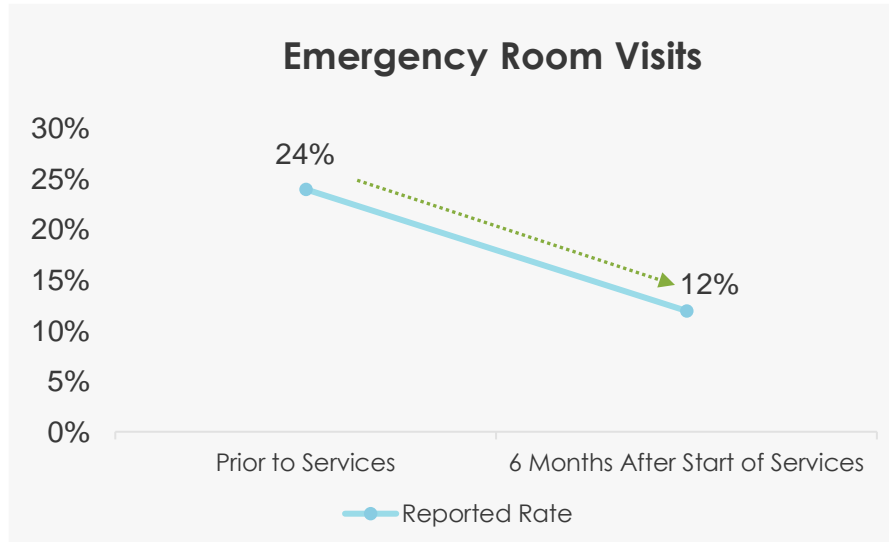


Client perception of their mental health and social well-being.

Seventy-one percent of clients served reported an increase in their mental health and social well-being at six months after admission, compared to 53% at admission. The national average is 80%.

Adult Mental Health Services

Emergency Room Visits



- **Clients who visited an ER for a psychiatric or emotional problem.** Prior to services, 24% of clients served reported visiting the ER for a psychiatric or emotional problem, compared to 12% six months after the start of services.

Hospital Admissions



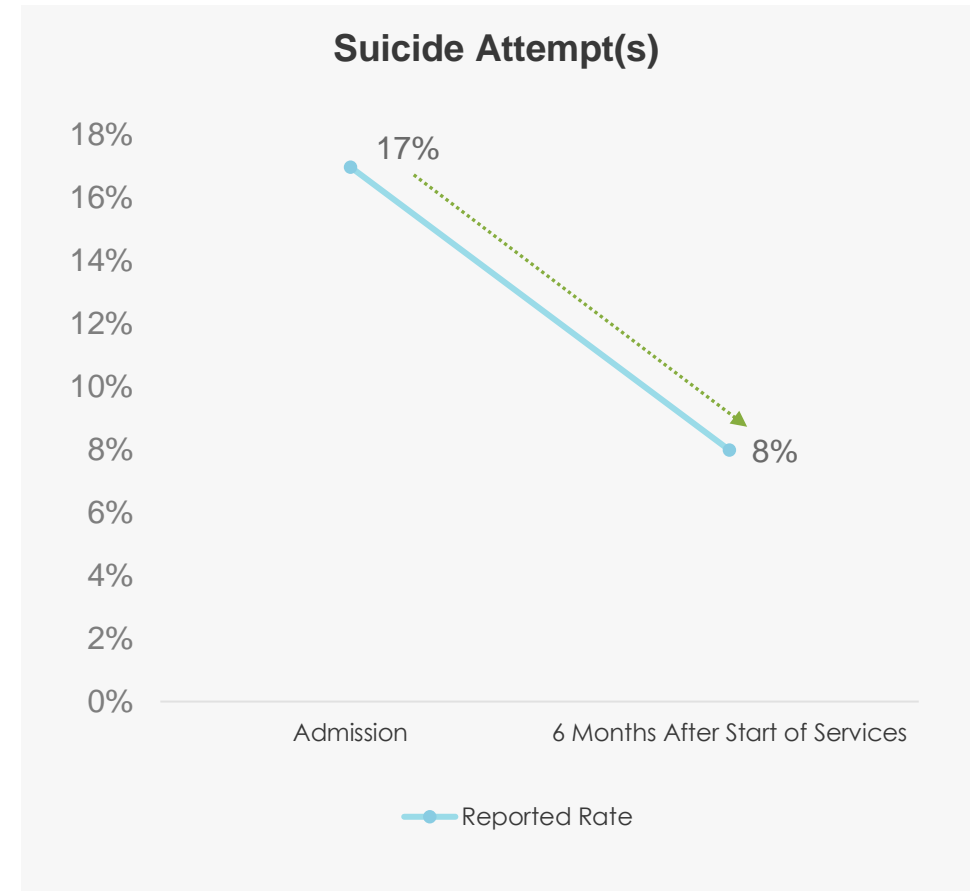
- **Clients who reported a hospital admission for mental health.** Clients served who reported a hospital admission for mental health declined from 23% at admission to 12% six months after the start of services.

Adult Mental Health Services

Reduction of Suicide Attempt(s)

Clients who reported suicide attempt(s).

Seventeen percent of clients reported suicide attempt(s) at admission, compared to 8% at six months after the start of services.



Adult Mental Health Services

Employment



34%

Clients who reported
employment

Clients who reported employment.

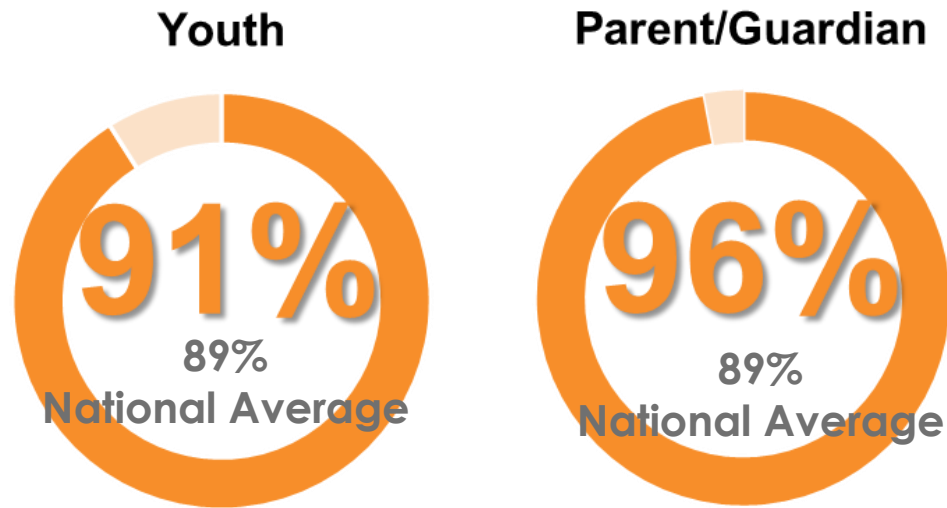
Thirty-four percent of clients served reported employment at the most recent update, exceeding the national average of 24%.

Youth Mental Health Services



Youth Mental Health Services

General Satisfaction



Overall satisfaction with treatment services received.

Ninety-one percent of youth clients served and 96% of parents/guardians reported general satisfaction with services received, exceeding the national average of 89%.

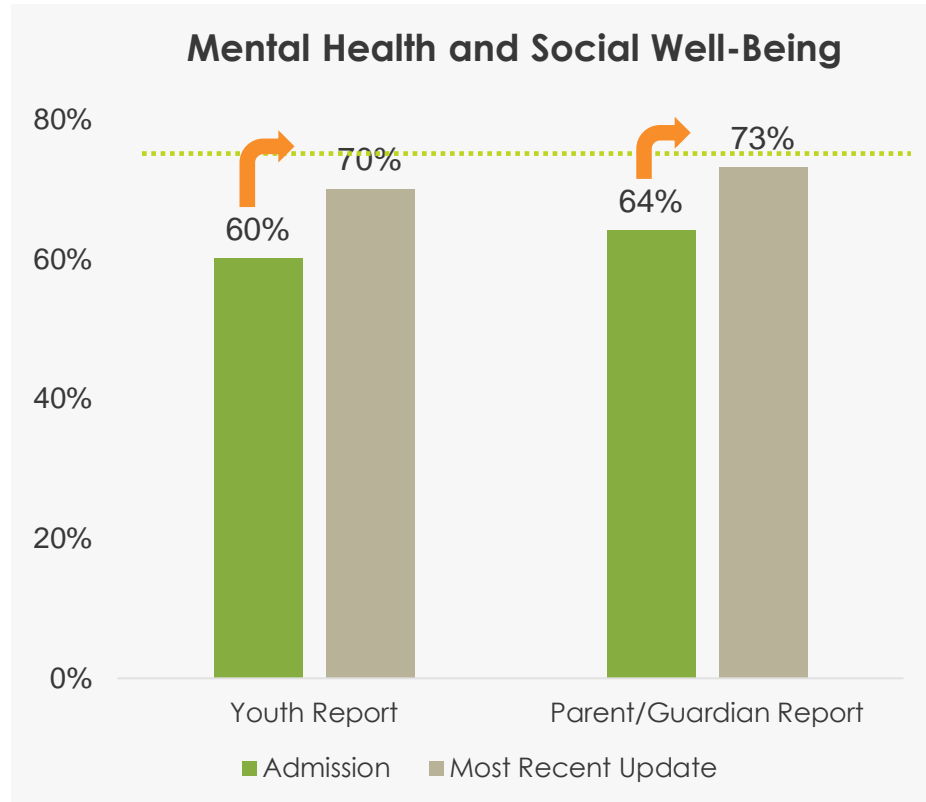
Mental Health Diagnosis Updates – Youth

| Number/Percent of Youth with... | State MH Primary Disorders | FY17 | FY18 | FY19 | FY20 | FY21 |
|---------------------------------|--|--------------|--------------|--------------|--------------|--------------|
| | Depressive Disorders | 617 11% | 791 12% | 831 13% | 784 12% | 765 13% |
| | Other Disorders (including Personality Disorder, etc.) | 32 1% | 34 1% | 30 0% | 24 0% | 24 0% |
| | Anxiety, Trauma, and Stress Disorders (includes Post-Traumatic Stress Disorder) | 3,156 57% | 3,655 57% | 3,822 59% | 3,935 62% | 3,881 64% |
| | Schizophrenia Spectrum Disorder (includes Schizoaffective) | 14 0% | 16 0% | 18 0% | 13 0% | 18 0% |
| | Bipolar Disorders | 25 0.5% | 21 0.3% | 17 0.3% | 17 0.3% | 18 0.3% |
| | ADHD Disorders | 950 17% | 999 16% | 964 15% | 918 14% | 808 13% |
| | Conduct and Impulse-Control Disorders (includes OCD) | 598 11% | 685 11% | 652 10% | 569 9% | 467 8% |
| | Developmental Disorders (includes Asperger's Syndrome Disorders) | 159 3% | 166 3% | 136 2% | 93 1% | 72 1% |

- Anxiety, stress, and trauma disorders increasing over time (57% to 64%).
- ADHD disorders decreasing over time (17% to 13%).
- Conduct and impulse-control disorders decreasing over time (11% to 8%).
- Developmental disorders decreasing over time (3% to 1%).

Youth Mental Health Services

Functioning

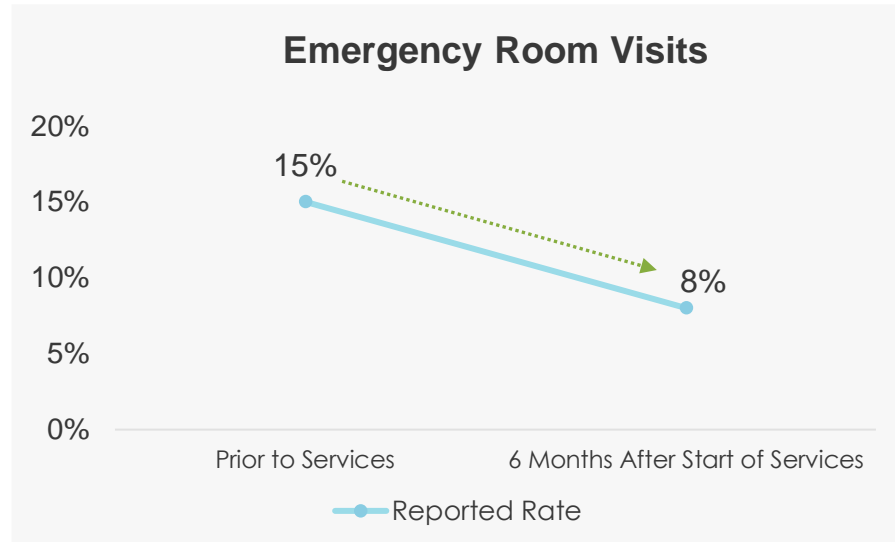


Client perception of their mental health and social well-being.

Seventy percent of youth clients served and 73% of parents/guardians reported satisfaction with the youth's mental health and social well-being at the most recent update, compared to 60% and 64% at admission. The national average is 75%.

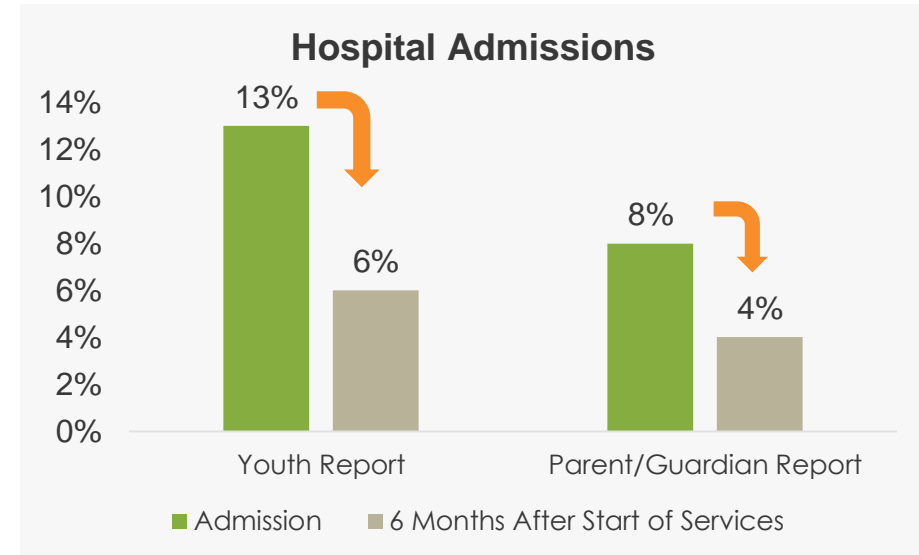
Youth Mental Health Services

Emergency Room Visits



- **Youth clients who visited an ER for a psychiatric or emotional problem.** Youth clients served reported a reduction in emergency room visits from 15% prior to starting services to 8% six months after starting services.

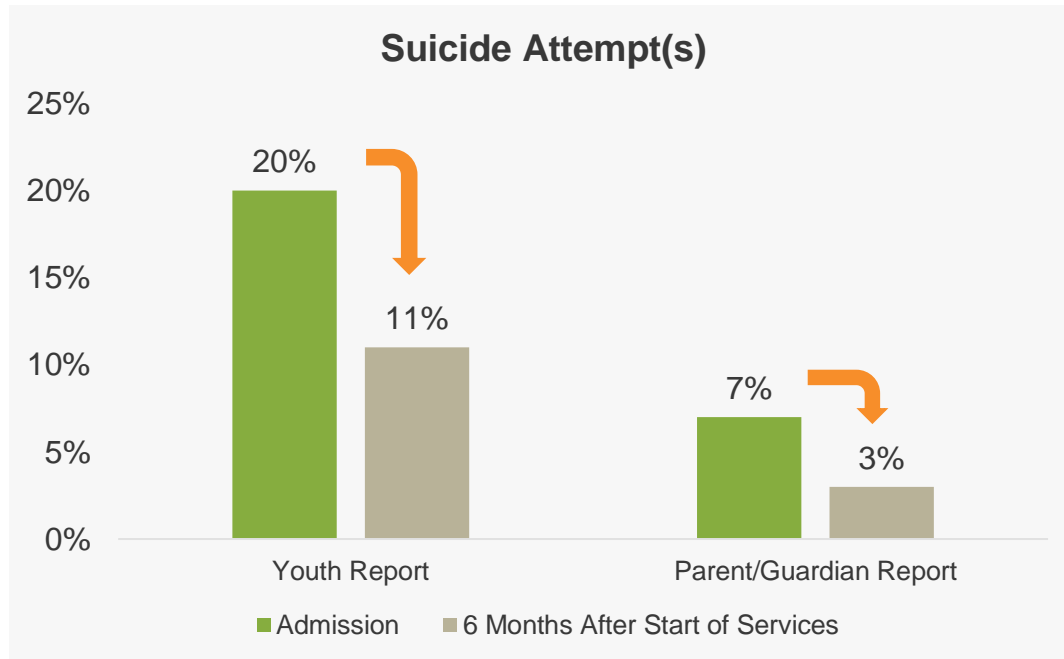
Hospital Admissions



- **Clients who reported a hospital admission for mental health.** Youth clients serviced who reported a mental health admission for mental health reduced from 13% at admission to 6% six months after the start of services. Parents/guardians of youth served reported a decrease in hospital admissions for mental health for their youth from 8% at admission to 4% six months after the start of services.

Youth Mental Health Services

Reduction of Suicide Attempts



Youth and parents/guardians who reported suicide attempt(s).

Youth clients served reported a reduction of suicide attempts from 20% at admission, compared to 11% six months after the start of services. Parents/guardians of youth clients served reported a reduction of suicide attempts by their youth from 7% at admission, compared to 3% six months after the start of services.

Systems of Care Services

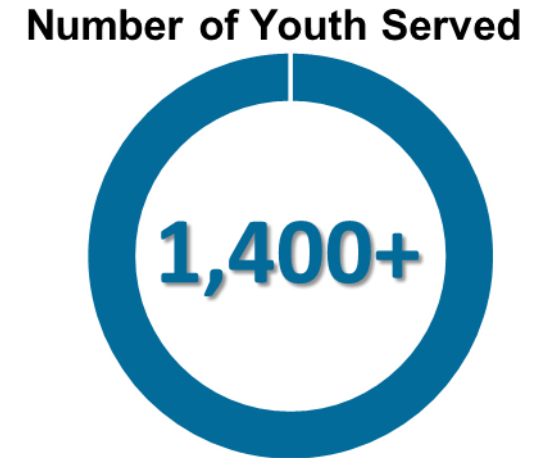
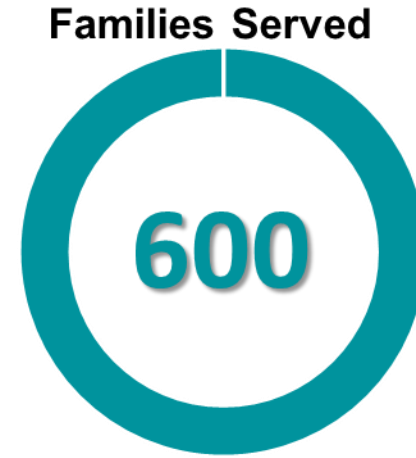


Systems of Care Services

Families Served

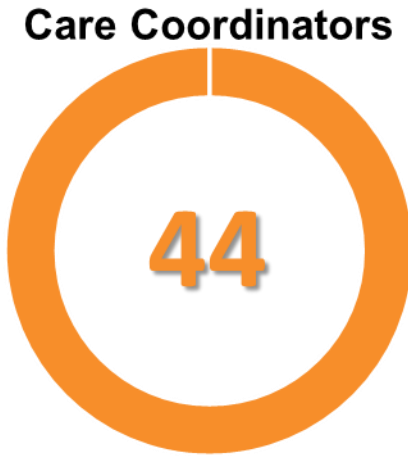
Numbers of families served in SOC.

In FY21, 600 families were served in SOC services, including families served through a Project Aware grant, with over 1,400 youth benefiting from those services.



Systems of Care Services

Care Coordinators

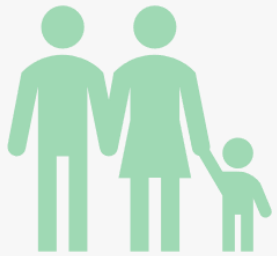


Number of SOC Care Coordinators.

In FY21, there were 44 SOC Care Coordinators, including Project Aware, serving families in 33 counties across the state.

Systems of Care Services

Family Outcomes



91%

Families that reported
basic needs met



76%

Families that reported
emotional needs met

Outcomes for families served in SOC.

Families reported improved outcomes in all areas measured, including basic needs and emotional needs.

Intensive Methamphetamine Treatment Services

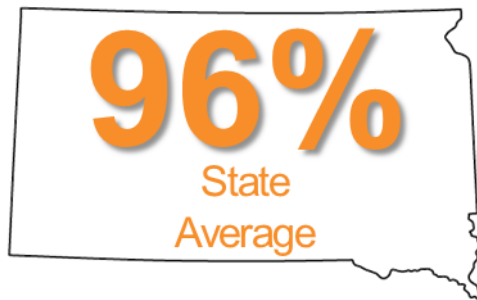


Intensive Methamphetamine Treatment (IMT) Services

Discharge Rates and General Satisfaction

| Discharge Reasons | State Average | National Average |
|----------------------------------|---------------|------------------|
| Treatment Completed | 40% | 30% |
| Left Against Professional Advice | 35% | 40% |
| Terminated by Facility | 8% | 4% |

General Satisfaction

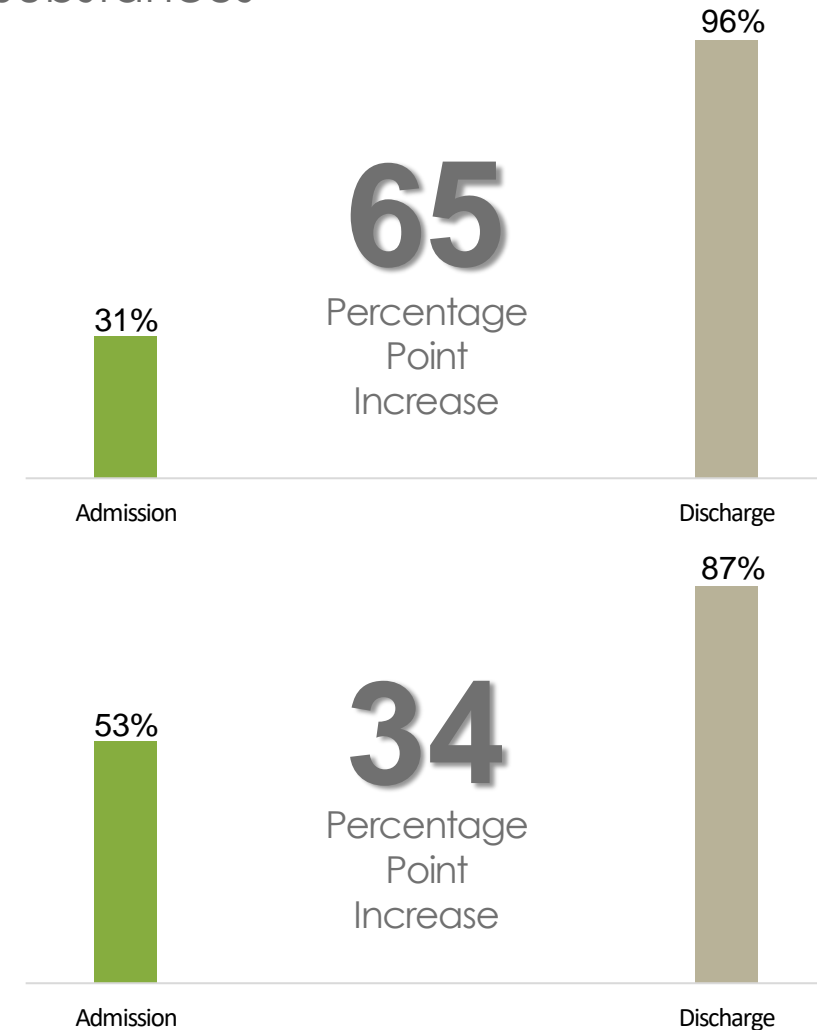


- **Clients discharged from treatment.** Forty percent of clients completed treatment, which is above the national average of 30%. Thirty-five percent of clients left against professional advice, and 8% of clients were terminated by the facility.
- **Overall satisfaction with treatment services received.** Ninety-six percent of clients served reported general satisfaction with services.

Intensive Methamphetamine Treatment Services

Ability to Control Substance Use and Motivation to Not Use Substances

- **Client-reported ability.** Ninety-six percent of clients served reported the ability to control their substance use at discharge, compared to 31% at admission.
- **Client-reported motivation.** Eighty-seven percent of clients served reported motivation to not use substances at discharge, compared to 53% at admission.



Intensive Methamphetamine Treatment Services

Employment



48%

Clients who reported
employment

Clients who reported employment.

Forty-eight percent of clients served reported employment at discharge, compared to 9% at admission, which exceeds the national average of 18%

Pregnant Women and Women with Dependent Children Services



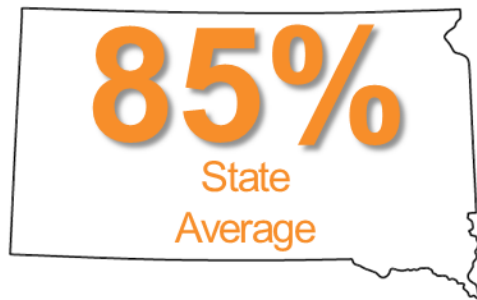
Pregnant Women and Women with Dependent Children Services

Discharge Rates and General Satisfaction

| Discharge Reasons | State Average | National Average |
|----------------------------------|---------------|------------------|
| Treatment Completed | 38% | 30% |
| Left Against Professional Advice | 48% | 40% |
| Terminated by Facility | 12% | 4% |

- **Clients discharged from treatment.** Thirty-eight percent of clients completed treatment, which is above the national average of 30%. Forty-eight percent of clients left against professional advice, and 12% of clients were terminated by the facility.

General Satisfaction

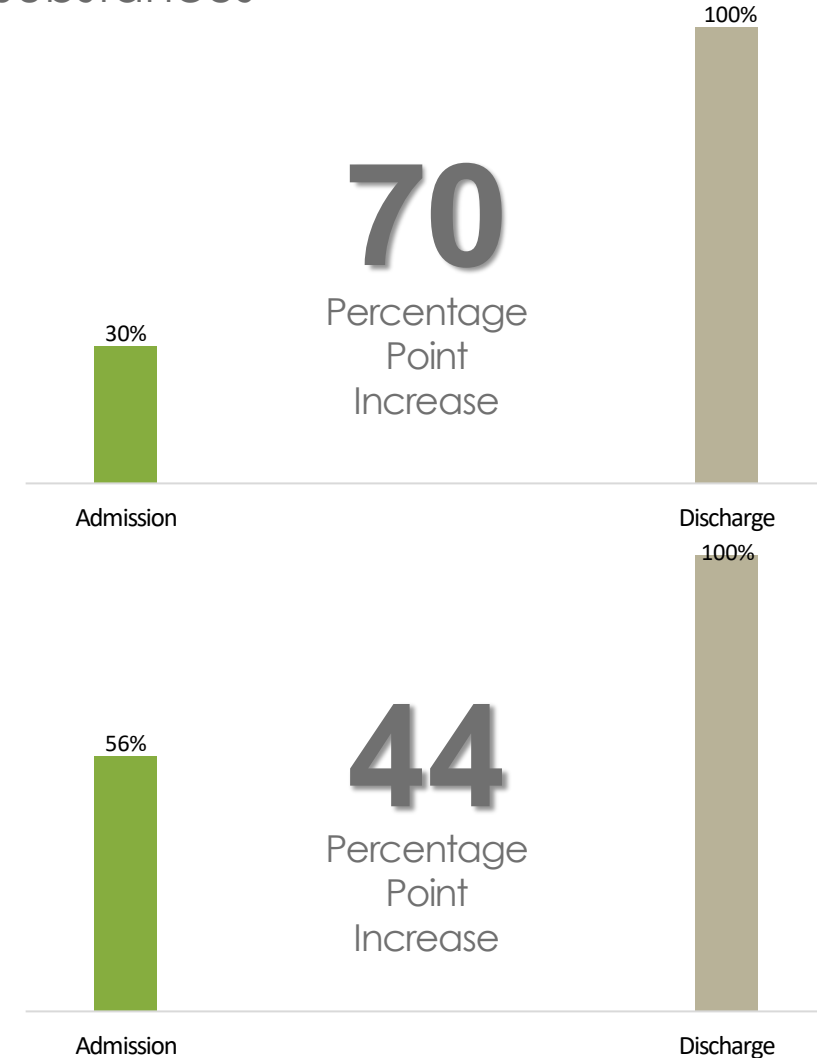


- **Overall satisfaction with treatment services received.** Eighty-five percent of clients served reported general satisfaction with services.

Pregnant Women and Women with Dependent Children Services

Ability to Control Substance Use and Motivation to Not Use Substances

- **Client-reported ability.** One hundred percent of clients served reported the ability to control their substance use at discharge, compared to 30% at admission.
- **Client-reported motivation.** One hundred percent of clients served reported motivation to not use substances at discharge, compared to 56% at admission.



Pregnant Women and Women with Dependent Children Services

Employment



30%

Clients who reported
employment

Clients who reported employment.

Thirty percent of clients served reported employment at discharge, compared to 3% at admission, which exceeds the national average of 18%.



Next Steps



Thank You

Zach King



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dss.sd.gov/behavioralhealth/default.aspx

